Status of IGFAEDB and MdM monitor

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IGFAE, Universidade de Santiago de Compostela

January 10, 2019





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Why the need for a ${\sf DB}$



Why the need for a DB

Project Applications



Why the need for a DB

Project Applications

Project Justifications



Why the need for a DB

Project Applications

- Project Justifications
- Personnel Directory



Why the need for a DB

Project Applications

Project Justifications

- Personnel Directory
- Keep track of metrics for the MdM (MdM Monitor)



Why the need for a DB

Project Applications

Project Justifications

Personnel Directory

- Keep track of metrics for the MdM (MdM Monitor)
- Feed information to the web page

Personnel



- Name, Surname, ID card #,...
- Scientific ID's (Scopus, ResearcherID, ...)
- Office, Phone #,E-mail, RL, ...

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- Sources:

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- Stores:
 - Name, Surname, ID card #,...
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- Sources: PI's, Department's Secretary, Personnel

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- Status:
 - Almost Complete



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- Office, Phone #,E-mail, RL, ...
- Some optional Data: Mobile, Birth date, ...
- Keeps an historical record.
- Sources: PI's, Department's Secretary, Personnel
- Status:
 - Almost Complete
 - Missing Ph.D. Students from 2018

Projects



- Title, PI, Working group members,...
- References (USC, Financing Agency, Internal, Budget line)
- Type: European, National, FEDER, Network,....



Projects



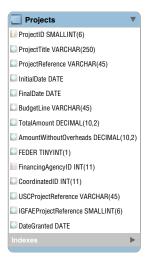
- Title, PI, Working group members,...
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 - Almost Complete (all projects since 2005(?))

Projects



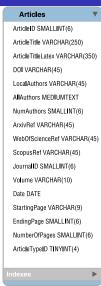
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- References (USC, Financing Agency, Internal, Budget line)
- Type: European, National, FEDER, Network,....
- Sources: Pl's, OIT
- Status:
 - Almost Complete (all projects since 2005(?))
 - Missing: Date of issue, members of the working group

Articles



- Articles, proceedings and metrics
- Title, DOI, Journal, Pub year,...
- Journal Areas, CiteScore, Impact Factor

Articles



- Stores:
 - Articles, proceedings and metrics
 - Title, DOI, Journal, Pub year,...
 - Journal Areas, CiteScore, Impact Factor
- Sources: Scopus, Web of Science, Spires

Articles



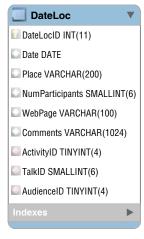
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- Status:
 - 2016 and 2017 Complete

Articles



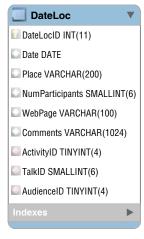
- Articles, proceedings and metrics
- Title, DOI, Journal, Pub year,...
- Journal Areas, CiteScore, Impact Factor
- Sources: Scopus, Web of Science, Spires
- Status:
 - 2016 and 2017 Complete
 - Upcoming weeks: 2011-2015 and those available from 2018

Outreach



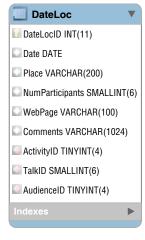
- Speaker, place, # of Attendants
- Title, Type of event, ...

Outreach



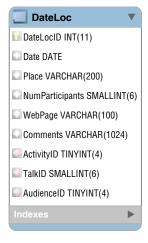
- Stores:
 - Speaker, place, # of Attendants
 - Title, Type of event, ...
- Sources: Web form available to speakers

Outreach



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 - Speaker, place, # of Attendants
 - Title, Type of event, ...
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- Status:
 - Missing many talks given at high schools

Outreach



- Stores:
 - Speaker, place, # of Attendants
 - Title, Type of event, ...
- Sources: Web form available to speakers
- Status:
 - Missing many talks given at high schools
 - Missing historical records

Events

Events

EventID INT(11)

Speaker VARCHAR(45)

Date DATFTIME

Abstract VARCHAR(2500)

EventTypeID SMALLINT(6)

LocationID INT(11)

PersonnelID SMALLINT(6)

WebPage VARCHAR(45)

UntilDate DATE

EventSubTypeID INT(11)

EventTitle VARCHAR(200)

Indexe

- Conferences and Seminars
- Title, Abstract, place, Type of event, ...

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- Title, Abstract, place, Type of event, ...
- Sources: Conference Organizers, Seminar's Organizer
- Status:
 - Missing seminars before summer and some conferences
 - Missing historical records (upcomming weeks)



Theses

Theses

ThesesID SMALLINT(6)

Title VARCHAR(250)

DefenseDate DATE

ThesisTypeID TINYINT(4)

AreaID TINYINT(4)

MarkID TINYINT(4)

PersonnelID SMALLINT(6)

ndexe

- Defense Date, qualification, title, Advisor(s)..
- Type: European, International



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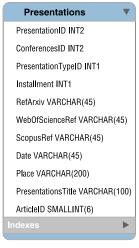
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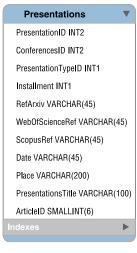


Presentations at Conferences



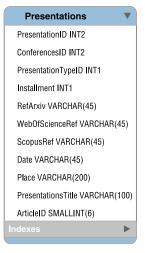
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- Information about the article in the proceedings.

Presentations at Conferences



- Conference Name, place, Date,...
- Presentation title, speaker
- Information about the article in the proceedings.
- Sources: Speakers

Presentations at Conferences



Stores:

- Conference Name, place, Date,...
- Presentation title, speaker
- Information about the article in the proceedings.
- Sources: Speakers
- Status: Empty

DB Status and Improvements

Most of the information is entered manually



DB status

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- Feeds information to:
 - Webpage
 - Directory, Articles, Projects, Seminars, Conferences



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 - Finishing python API
 - Implement a REST interface



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 - Outreach Events



		Base line		2017				2	018		Tendencia	Expected outcomes
	Indicator	2012-2015	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		(at the end of 2020)
Nº publicat	ions IF>5	400 publications with IF>5	0	0	26	0	0	0	0	0		To reach at least 400 publications with IF>5
Nº publicat	ions IF>10	220 publications with IF>10	0	0	123	0	0	0	0	0		To reach 250 publications with IF>10
N° of Q1 pr	ublications	397 publications in the Q1	0	0	150	0	0	0	0	0		To reach at least 450 publications in the Q1
Nº of intern	national projects	8 international projects	0	0	0	0	0	0	0	0		To coordinate at least 2 international projects. To participate in at least 12 international projects (ERC, H2020, etc.)
№ of PhD :	students trained	36 PhD students trained	30	30	33	32	28	28	27	27		To train 40 PhD students
Nº of Post	Docs involved in IGFAE activities	15 Post Docs involved	14	14	14	13	11	12	13	11		20 Post Docs involved
№ of Junio	r Group Leader	8 Jr. Group Leaders (7 male and 1 female)	3	3	3	3	3	3	3	5		To recruit 4 Jr. Group Leaders: at least 1 female
N° of new p	professionals	Current support staff, 8 professionals	8	8	8	8	7	8	8	8		To recruit 2 professionals; 1 COO and 1 technician
N° of stude	ents on mobility	40 mobility events, for PhD and Post Doc students	-1	-1	-1	-1	-1	-1	-1	-1		To reach 50 mobility events, for PhD and Post Doc students
N° of grant	ed patents,		0	0	0	0	0	0	0	0		To obtain at least 3 granted patents
€ obtained	from Technology Transfer	0,01 M€ Technology Transfer Contracts with industry	0	0	0	0	0	0	0	0		0.5 M€ Technology Transfer Contracts with industry
€ obtained	from competitive financial sources	1,91 M€ from competitive sources	100000	0	200000	0	140350	0	0	0		2,75 M€ from competitive sources
Nº of intern	national partnerships	3 consolidated international partnerships	-1	-1	-1	-1	-1	-1	-1	-1		To build at least new 3 consolidated international partnerships
N° of IGFA	E staff leading international network	4 IGFAE senior researchers leading international projects	-1	-1	-1	-1	-1	-1	-1	-1		At least 4 IGFAE senior researchers leading new international projects
N° of atten	dants at Symposium		0	0	0	0	0	0	0	0		More than 150 attendees at Symposium
Nº of atten	dants at outreach activities	1.000 attendees in all the outreach activities	110	75	0	0	90	270	32	406		To receive at least 1.500 attendees in all the outreach activities
Nº of outre	ach activities	100 outreach activities	2	1	1	0	2	2	1	9		125 outreach activities